

Colloids and Surfaces B: Biointerfaces 12 (1999) 441-442

## Author Index

Alevisopoulos, S., 107 Almgren, M., 429 Alsins, J., 429 Antipova, A.S., 261, 271, 287 Anton, M., 351 Arakawa, M., 35 Axelos, M., 147 Azeredo, J., 69

Bakas, L.S., 77 Bartholomai, G.B., 309 Belyakova, L.E., 261, 271, 287 Bergenståhl, B., 429 Bernik, D.L., 77 Bochu, W., 89 Bonincontro, A., 1

Cabrerizo-Vílchez, M.A., 123, 339 Carp, D.J., 309 Chen, J., 373 Chen, Y.M., 49 Chibowski, E., 69 Clark, A.H., 317 Cuq, J.-L., 7

Dalgleish, D.G., 409
Davies, E., 203
De Francesco, A., 1
Dickinson, E., 139, 203, 373
Disalvo, E.A., 77
Doxastakis, G., 331

Euston, S.R., 193

Fainerman, V.B., 391 Faucheron, S., 113 Franke, K., 223

Gálvez-Ruiz, M.J., 123, 339 Gandemer, G., 351 Garofalakis, G., 231 Grigoriev, D.O., 391, 399 Hagolle, N., 409
Hato, M., 35
Heinzelmann, K., 223
Hemar, Y., 239
Hibberd, D.J., 359
Hill, J.P., 193
Hirst, R.L., 193
Holgado-Terriza, J.A., 339
Holstborg, J., 383
Horne, D.S., 239, 299
Husband, F., 399

Jones, M.G., 317 Ju, Y.-H., 49 Jubanova, M.A., 287

Kasapis, S., 107 Kikuchi, A., 97 Kim, J.-H., 15 Kim, W.-S., 15 Kiosseoglou, V., 107 Krägel, J., 391, 399 Krog, N., 383

Lagaude, A., 7 Landström, K., 429 Landy, P., 57 Larsson, A., 23 Launay, B., 409 Li, J.B., 399 Liu, J.C., 49 Logan, H., 139 Lorient, D., 57

Makievski, A.V., 391, 399 Makino, K., 97 Marchesseau, S., 7 Marzilger, K., 213 Miller, R., 391 Murata, M., 35 Murray, B.S., 231 Muschiolik, G., 213 Niño, M., 175 Niño, M.R.R., 161 Norton, I.T., 317

Ohshima, H., 97 Okano, T., 97 Olesen, S.K., 383 Oliveira, R., 69 Onori, G., 1

Paraskevopoulou, A., 107 Patino, J.M.R., 161, 175 Pedersen, B.V., 383 Phianmongkhol, A., 247 Pilosof, A.M.R., 309 Popineau, Y., 147 Povey, M.J.W., 417

Relkin, P., 409 Renard, D., 113 Ritzoulis, C., 139 Robert, P., 113 Robins, M.M., 359 Robinson, B.H., 359 Rogacheva, S., 57

Saint-Pierre Chazalet, M., 77 Sakanishi, A., 89 Sakurai, Y., 97 Sanchez, C., 113 Sánchez, C.C., 161, 175 Sánchez-González, J., 123 Sarker, D.K., 147 Scherze, I., 213 Schorsch, C., 317 Semenova, M.G., 261, 271, 287

Teixeira, P., 69 Tziboula, A., 299

Umetsu, M., 97

Varley, J., 247 Vasilakis, K., 331 Vidal, V., 7 Voilley, A., 57

Wang, Y., 417 Wege, H.A., 339 Wilde, P.J., 391, 399 Wüstneck, R., 391, 399 Yamamoto, Y., 139 Yoon, J.-Y., 15 Yoshida, T., 35 Yoshikoshi, A., 89



Colloids and Surfaces B: Biointerfaces 12 (1999) 443-444

## Subject Index

Absorbance, 89
Acidification, 7
Acid protease, 77
Adsorbed layers, 359
Adsorption, 35
Adsorption at air/water interface, 409
Adsorption kinetics, 399
Aggregation, 113, 409
Air-liquid interface, 123
Air-water interface, 161, 175
Algae, 49
Antithixotropy, 113

Bovine serum albumin, 15, 429

κ-Carrageenan, 299
β-Casein, 161
Casein stabilised emulsions, 239
Cell growth, 89
Chitosan, 49
Cholesterol, 107
Coalescence, 147
Collapse, 175
Collector, 49
Colloidal dispersions, 359
Competitive adsorption, 147
Contact angle, 69
Copolymerization, 97
Crosslinking, 139

Dairy emulsions, 317
Denaturation, 409
Desorption, 175
Dielectric spectroscopy, 1
Diffusing wave spectroscopy, 239
Diglycerol-esters, 383
Dispersed air flotation, 49

Egg yolk, 107, 351 Electrical conductivity, 247 Electron microscopy, 7 Electrostatic interaction, 15
Electrostatic interactions, 49
Emulsion, 107, 193, 203
Emulsion gel, 373
Emulsions, 57
Emulsion stability, 383
Enzymatic coagulation, 7
Ethanol, 1

Fatty acids, 339
Fatty acid salts, 271
Film balance, 339
Film thickness, 399
Fish oil, 223
Flavour, 57
Flocculation, 23, 359
Fluorescence quenching, 429
Foamability, 247
Foaming properties, 409
Foams, 247, 309
Foam stability, 247
Freeze-drying, 223

Gel permeation chromatography, 299  $\gamma$ -Globulin, 123

Hydrogen bonding, 15 Hydrophilic, 97 Hydrophobic interaction, 15

IgG, 35 Interaction, 271 Interactions, 261, 287, 309 Interface, 57, 147 Interface composition, 351 Interfacial changes, 77 Interfacial rheology, 331 Interfacial tension, 383 Ionic calcium, 203

β-lactoglobulin, 113, 139, 193, 231

Large deformation, 373 Legumin, 271, 287 Lipid membranes, 77 Lipids, 339 Lupin proteins, 331 Lyotropic phase behaviour, 383 Lysozyme, 1

Maltodextrin, 287
Mayonnaise, 107
Membrane emulsification, 213
Microencapsulation, 223
Microparticulated whey proteins, 113
Micro porous glass, 213
Milk-protein, 193
Milk proteins, 213
Miked gels, 113
Monoglyceride, 175
Monolayer, 161, 231
Monolayer isotherm, 339
Monolayer isotherms, 391
Monolayer technique, 123

n-Alkane oil-in-water emulsion, 139

Oil-in-water emulsions, 213, 351 Ostwald ripening, 239 Ostwald ripening kinetics, 239 Ovalbumin, 409

Particle size, 359 Particle size determination, 417 Pendant-drop, 339 Permittivity, 97 pH, 1 pH Dependency, 35 Phosphatidylcholine, 77 Protein, 231 Protein A, 35 Protein adsorption, 15, 351, 429 Protein adsorption layers, 391 Protein foams, 247 Protein penetration, 77 Proteins, 261, 317 Protein-stabilised emulsions, 239 Protein surfactant interaction, 399 **PUFA**, 223 Pyrene, 429

Relaxation at air-water interface, 175 Relaxation phenomena, 161 Retention aids, 23 Rheology, 7, 147, 383

Salt, 271 Sedimentation, 359 Shake mode, 89 Shelf life, 223 Silica, 23 Small deformation, 373 Sodium caseinate, 139, 203 Solutions, 309 Soy protein, 309 Specific binding, 35 Spray-drying, 429 Spread protein layers, 391 Stability, 147, 193 Starch, 23 Static light scattering, 23 Stearylamine, 77 Structure, 57 Succinvlation, 7 Sucrose, 261, 317 Sucrose stearate, 231 Sugar surfactants, 231 Sulfonated microspheres, 15 Surface activity, 261, 271, 287 Surface diffusion, 399 Surface film balance, 161 Surface force, 35 Surface free energy, 69 Surface layers, 213 Surface potential, 77 Surface shear rheology, 391, 399 Suspension culture, 89

Thermal denaturation, 373 Thermodynamic, 271 Thermodynamics, 261, 287 Thin layer wicking, 69 Transport, 57

Ultrasonic scattering theory, 359 Ultrasonic spectroscopy, 359 Ultrasound, 89 Ultrasound attenuation, 417 Ultrasound scattering, 417

Variant, 193 Viscoelasticity, 107, 331, 373 Volume fraction effects, 239

Whey protein, 299 Whey protein isolate, 373

Xanthan, 309